In re Patent Application of

SHIMIZU et al.

Atty. Ref.: 723-1403

Serial No. 10/600,585

Group: TBA

Filed: June 23, 2003

Examiner: TBA

For: EXTERNAL INTERFACES FOR A 3D GRAPHICS SYSTEM

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September 8, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Listed on accompanying Forms PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. References listed on Forms PTO-1449 pages 5-9 are provided on the enclosed CD-ROM. The CD-ROM does not include the listed textbook references. These textbooks were filed in Application No. 09/722,382, filed November 28, 2000.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider

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information that had been cited by or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below. 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No statement under 37 C.F.R. § 1.97(e) or fee is required. In the event, a first Office Action has been mailed prior to filing of the present Information Disclosure Statement, the Office is requested to treat the present paper as a submission under 37 C.F.R. § 1.97(c) and charge the undersigned's Deposit Account No. 14-1140 for the fee required by 37 C.F.R. § 1.17(p). The present paper is submitted in duplicate for this purpose. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance. a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. c. Attached is our Check in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p). 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice

of Allowance, but before payment of the Issue Fee. It is hereby requested that the

Information Disclosure Statement be considered. Attached is our Check No. in the amount of \$ in payment of the fee under 37 C.F.R. § 1.17(i). a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1). b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2). 4. Relevance of the non-English language document(s) is discussed in the present specification. 5. The document(s) was/were cited in a corresponding foreign application. An English language version of the foreign search report is attached for the Examiner's information. 6. A concise explanation of the relevance of the non-English language document(s) appears below: 7. The Examiner's attention is directed to co-pending U.S. Patent Application Nos. 10/132,702; 10/225,472; 10/225,487; and 10/225,488, which are directed to related technical subject matter. Copies of these applications are enclosed herewith. The identification and submission of these applications are not to be construed as waivers of secrecy as to these applications now or upon issuance of the subject application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination. 8. Copies of the documents were cited by or submitted to the Office in Application No., filed, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

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It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and to indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 14-1140 referencing docket number 723-1403.

Respectfully submitted,

NIXON & VANDERHYE P.C.

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Arlington, VA 22201-4714 Telephone: (703) 816-4000 Facsimile: (703) 816-4100 INFORMATION DISCLOSURE

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U.S. PATENT DOCUMENTS

XAMINER	DOCUMENT AU MOSS	DATE	NAME	CLASS	SUBCLASS	FILING DAT
INITIAL	DOCUMENT NUMBER 6,609,977	08/2003	SHIMIZU et.al.	463	36	IF AFFNOFNI
	6,334,160	12/2001	EMMERT et al.	710	11	
	6,307,880	10/2001	EVANS et al.	375	222	.,
	6,279,906	08/2001	SANDERSON et al.	273	148	
	6,264,558	07/2001	NISHIUMI et al.	463	36	
	US 2001/0008847	07/2001	MIYAMOTO et al.	463	33	
	6,263,392	07/2001	McCAULEY	710	129	
	US 2001/0006391	07/2001	SAWANO et al.	345	418	
	6,247,075	06/2001	WANG et al.	710	63	
	6,238,291	05/2001	FUJIMOTO et al.	463	44	
	6,230,232	05/2001	NISHIUMI et al.	711	4	
	6,217,351	04/2001	FUNG et al.	439	131	
	6,213,878	04/2001	SETSUMASA et al.	463	31	
	6,200,253	03/2001	NISHIUMI et al.	563	47	
<u> </u>	6,193,609	02/2001	D'ACHARD VAN ENSCHUT	463	37	
	6,190,257	02/2001	TAKEDA et al.	463	29	
	6,171,190	01/2001	THANASACK et al.	463	51	
	6,166,748	12/2000	VAN HOOK et al.	345	522	
	6,147,673	11/2000	ZAREK	345	156	
	6,131,134	10/2000	HUANG et al.	710	103	
	6,101,560	08/2000	GULICK	710	62	
	6,098,130	08/2000	WANG	710	100	
	6,076,119	06/2000	MAEMURA et al.	710	15	
	6,071,191	06/2000	TAKEDA et al.	463	29	
	6,067,411	05/2000	POIMBOEUF et al.	395	551	
	6,033,309	03/2000	COUCH et al.	463	38	
	6,018,765	01/2000	DURANA et al.	709	217	
	6,006,295	12/1999	JONES et al.	710	62	-
	5,996,033	11/1999	CHIU-HAO	710	68	•
	5,991,546	11/1999	CHAN et al.	395	882	
	5,935,224	08/1999	SVANCAREK et al.	710	63	_
	5,892,974	04/1999	KOIZUMI et al.	395	836	
	5,886,686	03/1999	CHEN	345	168	
	5,872,999	02/1999	KOIZUMI et al.	395	892	
	5,870,027	02/1999	НО	340	693	
	5,867,166	02/1999	MYHRVOLD et al.	345	419	
	5,832,244	11/1998	JOLLEY et al.	395	309	
	5,816,921	10/1998	HOSOKAWA	463	43	

INFORMATION DECLOSURE

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ATTY. DOCKET NO.

SERIAL NO.

723-1403

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FILING DATE

GROUP

June 23, 2003

TBA

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT AN IMPER	P DATE	NAME	CLASC	CLIDCI ACC	FILING DATE
114111745	5,784,064	07/1998	NAME PENNA et al.	CLASS	422	IF APPROPRIATE
	5,754,890	05/1998	HOLMDAHL et al.	395	883	
	5,748,756	05/1998	LEAL et al.	381	118	
	5,721,947	02/1998	PRIEM et al.	395	824	
	5,717,428	02/1998	BARRUS et al.	345	168	
	5,708,799	01/1998	GAFKEN et al.	395	500	
	5,696,912	12/1997	BICEVSKIS et al.	395	308	
	5,680,534	10/1997	YAMATO et al.	395	173	
	5,655,966	08/1997	WERDIN, Jr., et al.			
				463	25	
	5,645,277	07/1997	CHENG	273	148	
	5,644,790	07/1997	LI et al.	395	883	
	5,630,174	05/1997	STONE, III, et al.	395	883	
	5,630,170	05/1997	KOIZUMI et al.	395	834	
	5.628.686	05/1997	SVANCAREK et al.	463	36	
	5.615.344 5,607,157	03/1997	CORDER	395	309	
			NAGASHIMA	273	148	
	5,599,231	02/1997	HIBINO et al.	463	29	
	5,599,232	02/1997	DARLING	463	44	
	5,593,350	01/1997	BOUTON et al.	463	36	
	5,546,050	08/1996	FLORIAN et al.	330	282	
	5,513,302	04/1996	TSAI	395	114	······
	5,509,811	04/1996	HOMIC	439	55	
	5,549,487	10/1995	BOUTON	345	156	
	5,428,355	06/1995	JONDROW et al.	341	20	
	5,421,590	06/1995	ROBBINS	273	438	
	5,389,006	02/1995	NOSCHESE	439	354	
	5,268,669	12/1993	ROSKOWSKI	340	534	
	5,245,320	09/1993	BOUTON	345	167	
	5,239,540	08/1993	ROVIRA et al.	370	77	
	5,230,059	07/1993	NIELSEN et al.	395	800	
	5,213,327	05/1993	KITAUE	273	148	
	5,155,768	10/1992	MATSUHARA	380	23	
	RE 34,161	01/1993	NAKAGAWA et al.	273	85	
	5,091,832	02/1992	TORTOLA et al.	362	109	
	5,050,041	09/1991	SHAFI	361	391	
	5,049,863	09/1991	OKA	340	170	
	5,004,232	04/1991	WONG et al.	273	435	
	4,976,429	12/1990	NAGEL	273	1	
	4,972,470	11/1990	FARAGO	380	3	
	4,850,591	07/1989	TAKEZAWA et al.	273	85	
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INFORMATION DISCLOSURE

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SHIMIZU et al.

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June 23, 2003

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATI
	4,837,488	06/1989	DONAHUE	324	66	
	4,592,012	05/1986	BRAUN	364	900	
	4,799.635	01/1989	NAKAGAWA	364	900	
	4,589,089	05/1986	FREDERIKSEN	364	900	
	4,567,516	01/1986	SCHERER et al.	358	114	
-	4,562,308	12/1985	KOPETZKY et al.	179	. 18	
	4,462,076	07/1984	SMITH, III	364	200	
	4,454,594	06/1984	HEFFRON et al.	364	900	
	4,407,298	10/1983	LENTZ et al.	128	713	
	4,324,401	04/1982	STUBBEN et al.	273	85	
	4,296,476	10/1981	MAYER et al.	364	900	
	4,278,972	07/1981	WOZNIAK	340	703	
	4,167,019	09/1979	SHEPPERD	358	22	
	3,369,177	02/1968	GRAHAM et al.			
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FOREIGN PATENT DOCUMENTS

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INFO	RMATION DISCLOSURE	ATTY.	DOCKET NO.	SER	IAL NO.			
	CNRTEDISC	723-	1403	10/	600,585	5		
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	OTHER DOCU	MENTS (i	ncluding Author, Title,	Date, Pertinen	t pages,	etc.)		
ľ	68HC705V8 SPECIFICA	ATION RE	V. 2.1 (GENERAL RELE	<i>ASE),</i> MCU Sy	stem Des	ign Group, (Oak Hill,	, Texas,
	August 12, 1994, pp. iii - HCO8 – 68HC08AS32, A	- XI, XIII, ar Advance I	nformation Rev. 3.0 Mot	torolo printed o	ut July 04	2001 55	0.07.0-	4 004
	308	navance i	mormation nev. 5.0, wot	loroia, printed o	ut July 24	, 2001, pp.	2-27, ar	10 234-
	Website http://www.repa	irfaq.org/F	REPAIR/F_Pinouts.html	entiltled "Pinout	s for vario	us connect	ors in R	eal
	<u>Life(tm)", page 1 of 3, da</u>	ited 5/20/9	97, author not established	d.				
	Christy J., Website http:/	/www.repa	airfaq.org/REPAIR/F_SN	IES.html entitle	d "Super I	Vintendo Er	tertainn	nent
	System: pinouts & protoc	201, 3/26/9	b, 5 pages by way of link	< "2.2) SNES" ir	the web	site above.		
	U.S. Application No. 10/2 U.S. Application:No. 10/2							
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GROUP

June 23, 2003

TBA

			ļ	J.S. PATENT DOCUMENTS			
*EXAMINER	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	001	6,226,012	5/2001	PRIEM et al.	00,00	00000.00	
	002	6,198,488	3/2001	LINDHOLM et al.			
	003	6,181,352	1/2001	KIRK et al.			
	004	6,173,367	1/2001	ALEKSIC et al.			
	005	6,092,124	7/2000	PRIEM et al.			
	006	6,057,852	5/2000	KRECH, Jr.			
	007	6,037,949	3/2000	DeROSE et al.			
	800	6,028,611	2/2000	ANDERSON et al.			
	009	6,025,853	2/2000	BALDWIN			
	010	6,023,738	2/2000	PRIEM et al.			
	011	6,002,409	12/1999	HARKIN			
	012	5,999,196	12/1999	STORM et al.			
	013	5,969,726	10/1999	RENTSCHLER et al.			
	014	5,949,440	9/1999	KRECH, Jr. et al.			
	015	5,949,424	9/1999	CABRAL et al.			
	016	5,940,086	8/1999	RENTSCHLER et al.			
	017	5,920,326	7/1999	RENTSCHLER et al.			
	018	5,917,496	6/1999	FUJITA et al.			
	019	5,874,969	2/1999	STORM et al.			
	020	5,821,949	10/1998	DEERING			
	021	5,815,166	9/1998	BALDWIN			
	022	5,805,868	9/1998	MURPHY			
	023	5,801,716	9/1998	SILVERBROOK			
	024	5,801,706	9/1998	FUJITA et al.			
	025	5,798,770	8/1998	BALDWIN			
	026	5,777,629	7/1998	BALDWIN			
	027	5,774,133	6/1998	NEAVE et al.			
	028	5,768,629	6/1998	WISE et al.			
	029	5,768,626	6/1998	MUNSON et al.		·	
	030	5,764,243	6/1998	BALDWIN			· · · · · · · · · · · · · · · · · ·
	031	5,758,182	5/1998	ROSENTHAL et al.			
	032	5,727,192	3/1998	BALDWIN			
	033	5,721,947	2/1998	PRIEM et al.			
	034	5,701,444	12/1997	BALDWIN			
	035	5,687,357	11/1997	PRIEM			
	036	5,608,424	3/1997	TAKAHASHI et al.			
	037	5,594,854	1/1997	BALDWIN et al.			
	038	5,504,917	4/1996	AUSTIN			
*Examiner				Date Considered			

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INFORMATION PISC OSURE

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SERIAL NO. 10/600,585

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		U	.S. PATENT DOCUMENTS				
EXAMINER		_ •			011501.400	FILING	
INITIAL 039	DOCUMENT NUMBER	DATE	NAME JOHNSON Jr. et al.	CLASS_	SUBCLASS	IF APPRO	PHIAI
040	0,707,770	10/1995	SWANSON 31. et al.				
041	3,721,020	5/1995	DEERING	_		-	
042	5,392,393	2/1995			-	-	
043	5,552,565	2/1995	EVANGELISTI et al.				
044	3,170,700	12/1992	SHAH et al.				
	5,136,664	8/1992	BERSACK et al.				
045	4,945,500	7/1990	DEERING				
046	4,914,729	4/1990	OMORI et al.				-
047	4,901,064	2/1990	DEERING				
048	4,866,637	9/1989	GONZALEZ-LOPEZ et al.				
049	4,862,392	8/1989	STEINER				
050	4,829,295	5/1989	HIROYUKI				
051	4,725,831	2/1988	COLEMAN				
052	4,658,247	4/1987	GHARACHORLOO		<u> </u>		
053	4,570,233	2/1986	YAN et al.				
	4,425,559	1/1984	SHERMAN				
054	4,423,333	1 17 100 1					
054 055	4,388,620	6/1983	SHERMAN				
			SHERMAN				· - -
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		6/1983	SHERMAN REIGN PATENT DOCUMENTS				
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	4,388,620 DOCUMENT	6/1983 FO	REIGN PATENT DOCUMENTS	CLASS	SUBCLASS		
055	4,388,620 DOCUMENT	6/1983 FO	REIGN PATENT DOCUMENTS COUNTRY	CLASS	SUBCLASS		
055	4,388,620 DOCUMENT EP 1 081 649	FO DATE 3/2001	COUNTRY EUROPEAN	CLASS	SUBCLASS		
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INFORMATION DISCLOSURE	ATTY, DOCKET NO.	SERIAL NO.	
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								TRANSL	ATION	
		DOCUMENT	DATE	-	COUNTRY	CLASS	SUBCLASS	YES	NO	
	070	JP 11226257	8/1999	JAPAN	(w/English Abstract)					
	071	JP 11203500	7/1999		(w/English Abstract)			-		
	072	JP 11161819	6/1999		(w/English Abstract)					
	073	JP 11076614	3/1999		(w/English Abstract)					
	074	JP 11053580	2/1999		(w/English Abstract)			-		
	075	WO 94/10641	5/1994		WIPO					
	076	. CA 2,070,934	12/1993		CANADIAN		<u> </u>			
			UMENTS (including Aut	hor, Title, Date, Per	linent pages,	etc.)			
	077 F	Photograph of Sony P	layStation I	I System						
		Photograph of Sega D								
		Photograph of Nintend								
	080 N	Vhitepaper: 3D Grapi	nics Demys	tified, Novemb	er 11, 1999, www.nvid	a.com				
	081 V	Vhitepaper: "Z Bufferi	ng, Interpol	ation and More	W-Buffering", Doug	Rogers, Janua	ary 31, 2000	, www.nvi	dia.com	
		Vhitepaper: Using GL								
	083 Whitepaper: Anisotropic Texture Filtering in OpenGL, posted 7/17/2000, www.nvidia.com									
	084 V	Vhitepaper: Mapping	Texels to P	ixels in D3D, p	osted 4/5/2000, www.	nvidia.com				
		Vhitepaper: Guard Ba								
		Vhitepaper: Cube Env				a.com				
		Vhitepaper: Color Key								
		Vhitepaper: Vertex Ble					om			
		Vhitepaper: Optimizin				.nvidia.com				
		Vhitepaper: Dot Produ								
		Vhitepaper: Technical				ww.nvidia.com		······································		
		echnical Brief: Transf				000 : "				
		echnical Brief: What litchell et al., "Multitex								
		isionTek, "GeForce2					gomag.com			
		im Bushnell et al. "Ad					amid Peak F	Secion &	ΔΤΙ	
		lesearch, Inc., Gamel				Openal , r yi	arma r eak L	zesigii d	. 711	
		ony PlayStation II Ins				t Inc., ©2000	 .			
	098S	tand and Be Judged,	Next Gene	ration. May 20	00					
		layStation II: Hardwa				2000				
		Chris Charla, "Play Sta								
		First PlayStation II Ga								
		ame Enthusiast Onlir								
	¹⁰³ G	ame Enthusiast Onlir	ne Highlight	s, March 19, 1	999					
		ame Enthusiast Onlir								
		iame Enthusiast Onlir							٠.	
	106 J	oel Easley, "PlayStati	on II Revea	iled", Game W	eek, September 29, 1	1999				
*Examiner	_			1,	Note Considered					
-valuate)				<u></u>	Date Considered	_1	·			

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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41	FEB 0 5 2004 se several sheets if necessary)	SHIMIZU et al.		
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	PANEMENTO	June 23, 2003	TE	3A
		MENTS (including Autho	r Title Date Pertin	ent nages, etc.)
	107 Inside Sony's Next Gene		i, Title, Date, i citili	ent pages, etc.,
	108 Press Releases, March			
	109 Chris Johnston, "PlaySta		art @1999	
				wned Subsidiaries", March 9, 1999
	111 AM News: Japanese De			
				Jones News Service, March 8, 1999
				Oow Jones News Service, March 4,
	1999	s op its Chips in bet On N	ew Game System, L	ow julies idems service, maich 4,
-		ide Stony on Connectiv VG	S for Windows: Con	troversial Emulator of Sony PlayStation
		ble for Macs Only, Busines		
	"DexDrive Bridges Gap",			
				g-Point Dividers, and an MPEG2
		ernational Solid-State Circu		
	Decoder, 1999 1222 Inte			Tualy 10, 1999
	118 Sega To Launch Video			ws Fobruary 16, 2000
				ws, 1 editary 10, 2000
	David Pescovitz, "Dream			About Sogala Poworful New Console"
			ver wanted to know	About Sega's Powerful New Console"
	Official Sega Dreamcast		00	
	¹²¹ 2D/3D Graphics Card Us			
	Nintendo 64 Instruction E			
	Steven Levy, "Here Com			Nevember 1000
	David Sheff, "Sony Smac			
	Introducing The Next Ge		/ Computer Entertain	iment inc., ©1999
	Leadtek GTS, August 3,			
	Voodoo 5 5500 Review,			
	ATI Radeon 64 Meg DDI			
	Microsoft Xbox - The Fut			
	Robert L. COOK, "Shade			
		epth Shadow Mapping", D	epartment of Compu	uter Science, Univ. N.C, Chapel Hill,
	N.C. pp. 1-7			D. Line Association
	•	Bump Mapping Hardware	", Computer Graphic	cs Proceedings, Annual Conference
-	Series, 1997			Navarah as 40,0000
				utra.com, November, 10, 2000
				ics Gems IV, Edited by Paul S.
				Academic Press, Inc., 1994,pp.433-437
				86-292, SIGGRAPH 78 (1978)
	Tomas MÖLLER and Eri			
	Technical Presentation: \			
	Technical Presentation: I			
	Technical Presentation: I			
	Technical Presentation: I			
	Technical Presentation: (Computations for Hardwar	e Lighting and Shad	ing, 3/17/2000, www.nvidia.com
			Considered	
*Examiner	1	_ Date	e Considered	

*Examiner

NEODMATION BIOGLOCUES	ATTV DOGUET NO	OFFINA NO	_
INFORMATION DISCLOSURE	ATTY, DOCKET NO.	SERIAL NO.	
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THE TOADEMARKS	June 23, 2003	ТВА `	
PADEMY	<u> </u>		
142 Toohnical Proportation	Discribed Research for	Fitle, Date, Pertinent pages, etc.)	_
143 Technical Presentation:	Shadows Transparance & F	Today's GPUs, 3/17/2000 www.nvidia.com	
144 Technical Presentation:	GeForce 256 Register Comb	og, 3/17/2000 www.nvidia.com iners, 3/17/2000,www.nvidia.com	
145 Technical Presentation:	TexGen & The Texture Matri	(2/15/2000 yaww.nvidio.com	
146 Technical Presentation:	Toon Shading, 3/15/2000, wy	www.nvidia.com	
147 Technical Presentation:	D3D 7 Vertex Lighting, 3/15/2	2000 yawa pyidio com	_
148 Technical Presentation:	Per-Pixel Lighting (by S. Diet	rich) 3/14/2000 years pridia com	_
149 Technical Presentation:	GeForce 256 and RIVA TNT	Combiners, 12/8/1999, www.nvidia.com	
150 Technical Presentation:	Vertex Cache Optimization, 1	1/12/1999 Market guidin com	
151 Technical Presentation:	Vertex Blending, 11/12/1999,	MMWM pyidia com	
152 Technical Presentation:	Hardware Transform and Lig	nting, 11/12/1999, www.nvidia.com	_
153 Technical Presentation:	GeForce 256 Overview, 11/1	2/1999 Marry puidia com	_
154 Technical Presentation:	DirectX 7 and Texture Manage	ement, 11/12/1999 www.nvidia.com	_
155 Technical Presentation:	Dot Product Lighting, 11/12/1	999 yanna quidis com	_
156 Technical Presentation:	Texture Coordinate Generation	nn 11/3/1999 yasay nyidin com	_
157 Technical Presentation:	Phong Shading and Lightman	11/3/1999 www.nvidia.com	_
158 Technical Presentation:	The ARB_multitexture Extens	ion 11/3/1999 www.nvidia.com	
159 Technical Presentation:	Multitexture Combiners, 11/3/	1999 www.pvidia.com	_
160 Technical Presentation:	Emboss Bump Mapping, 11/3	/1999 MANNA DVIDIS COM	_
161 Technical Presentation:	Hardware Accelerated Anisot	ropic Lighting, 11/3/1999 www.nvidia.com	
162 Technical Presentation:	Guard Band Clipping, 11/3/19	99 www.nvidia.com	_
163 The RenderMan Interfac	ce. Stephan R. Keith Version	3.1, Pixar Animation Studios, September 1989	_
164 The RenderMan Interfac	e. Version 3.2. Pixar Animatic	n Studios, July 2000, www.pixar.com	
165 NVIDIA Product Overvie	w. "GeForce2Ultra". NVIDIA	Corporation, 8/21/00, www.nvidia.com	_
166 Duke, "Dreamcast Tech	nical Specs". Sega Dreamcas	Review, Sega, 2/99, www.game-revolution.com	
167 Marlin Rowley, "GeForce	e 1 & 2 GPU Speed Tests", 5	/11/2000 www.g256.com	_
168 "Dreamcast: The Full Ste	ory", Next Generation, Septen	ber 1998	
			_
	OTHER REFERENCE	E ON SEPARATE CD:	_
DirectX 7.0 Programmer	's Reference, Microsoft Corpo	ration,1995-1999 (as part of the DirectX 7.0 SDK on th	ie
Companion CD included	with "Inside Direct3D", Micro	soft Programming Series, Peter J. Kovach, Microsoft	
Press, 1999)			
	!		
	TEXTBOOK	REFERENCES:	
"Inside Direct3D", Micros	soft Programming Series, Pete	r J. Kovach, Microsoft Press, 1999	
"OpenGL Programming of David Mason Woo Add	Guide, The Official Guide to L	earning OpenGL, Release 1", Jackie Nieder, Tom	-
"Procedural Flements for	ision-Wesley Publishing Co., r	geg Edition, David F. Rogers, McGraw Hill,1998	
"Real-Time Rendering "	Tomas Molleir, Eric Haines, A	K Peters 1999	_
		Edition, The Systems Programming Series, Foley, var	_
Dam, Fiener, Hughes, A	ddison Wesley, 1990		
"Principles of Three-Dim	ensional Computer Animation	, "Revised Edition, Michael O'Rourke, W.W. Norton &	_
Company, 1998			

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Date Considered